

IN THE CLAIMS

Please cancel claims 3, 6 through 12, 14, and 15, and substitute the following amended claims 1, 2, 4, 5, and 13 for the corresponding pending claims:

1 (Amended). A real time, multiple path imaging system, comprising:

an independent optical viewing device having at least one optical viewing path viewed through an eyepiece;

a beam splitter removably attached to said optical viewing device, wherein the beam splitter divides the at least one optical viewing path into a first and a second optical viewing paths;

an electronic video imaging device that receives an optical image from the second split beam path and converts the optical image into an electronic image signal, wherein the video imaging device is removably attached in alignment with the eyepiece without internal modification of the basic optical viewing device and adjustable to accommodate varying sizes of eyepieces;

a camera control unit coupled to said video imaging device for creating a real time video signal representing images in said second optical viewing path;

an encoder in said camera control unit, wherein said encoder adds source identifying information as a unique identification code to the electronic image signal with a video adder;

a transmitter coupled to the camera control unit for wireless transmission of the real time video signals;

Application No. 09/171,018

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a remote receiver to receive the real time video signal from the transmitter, wherein the receiver can distinguish between a plurality of video signals transmitted from a plurality of camera control units.

2 (Amended). The imaging system of claim 1, wherein:

the eyepiece terminates at least one of said at least one optical viewing paths, said beam splitter being aligned with said eyepiece.

4 (Amended). The imaging system of claim 1, wherein:

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said video signals are distinguishable from one another by data in an on screen display added to said respective video signals by said camera control unit.

5 (Amended). The imaging system of claim 1, wherein:

said video signals are distinguishable from one another by respective transmission carrier frequencies transmitted by said camera control unit.

13 (Amended). The imaging system of claim 1, further comprising:

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a viewing screen connected to the receiver and terminating said second split beam path, said viewing screen having a viewing surface on which said second split beam path is substantially centrally disposed.
